GR2D

Suspended Direct Linear LED Luminaire

For Ambient Lighting

Preliminary

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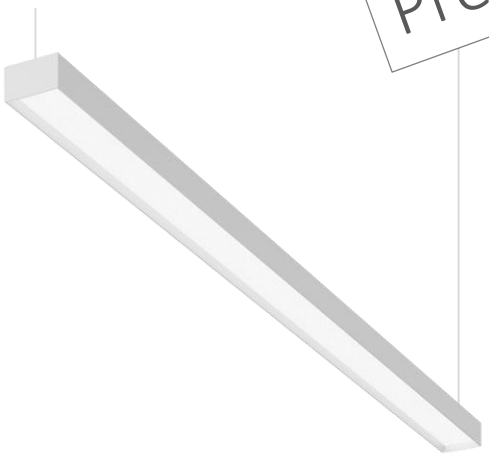


Flush Lens Regress Lens Baffle

Project: _____

Cat#: _____

Type: _____

Notes: _____

Product Description

Slim profile GR2D Direct Suspended LED Luminaire adapts seamlessly to standard T-Grid ceiling systems. Nominal 2" aperture minimizes brightness with the choice of Flush Lens, Regress Lens and Baffle options. Controlled Optics with Diffuse Lambertian or Performance Batwing distributions. Integrated remote driver mounted above grid. Options for controlling up to 4 fixtures with one driver box to minimize installation labor.

Construction

Constructed with die formed steel and aluminum components. Lenses are extruded high light transmission UV stable acrylic. Available in white, silver, black or custom powder coat finishes.

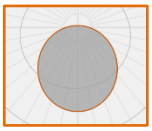
Light Source

Light source comprised of name brand mid power LEDs that are thermally engineered to ensure optimal efficacies and 80+ CRI. Luminaire light output guaranteed to achieve a minimum of 70% luminaire output over 100,000 hours at typical 25 deg. C operating conditions.

Certification and Warranty

Luminaires carry a limited 5-year warranty. Luminaires are UL listed for indoor damp rated lighting applications.

Performance



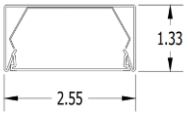
D-Diffuse

P-Performance

GR2D	System Lumens (System Watts)				
	Optics Down				
Lumens	D	DR	P	PR	BS
375 lm/ft	1610lm (12.1w)	1644lm (12.1w)	1557lm (12.1w)	1434lm (12.1w)	1446lm (12.1w)
500 lm/ft	2124lm (15.7w)	2169lm (15.7w)	2054lm (15.7w)	1891lm (15.7w)	1907lm (15.7w)
750 lm/ft	3210lm (23.6w)	3278lm (23.6w)	3105lm (23.6w)	2858lm (23.6w)	2883lm (23.6w)
1000 lm/ft	4229lm (31.0w)	4319lm (31.0w)	4090lm (31.0w)	3765lm (31.0w)	3797lm (31.0w)

Fixture Data for GR2S-D 4' Fixture, Lumens/Efficacy multiplier 0.97 for 3000K and 1.03 for 4000K. Test data may vary by +/- 5%

Dimensions



Fixture Options

Example GR2D-D-500F-35K-010-M-SM-G9-WH-04

Series	GR2D	Suspended 2" Aperture	GR2D
Distribution	D	Standard Diffuse Lambertian Lens	
	DR	Regress Diffuse Lens	
	P	Performance Batwing Lens	
	PR	Regress Performance Lens	
	BS	Baffle	
Light Level	375F	350lm per ft	
	500F	500lm per ft	
	750F	750lm per ft	
	1000F	1000lm per ft	
Color	30K	3000K	
	35K	3500K	
	40K	4000K	
	T26	2700K-6500K Tunable White	
Driver	010	Remote 0-10 volt Dimming to 1%	
Power	M	120-277	M
Mounting	A4	Aircraft Cable 4' Adjustable	
	A10	Aircraft Cable 10' Adjustable	
Ceiling	G1	15/16" Grid Ceiling	
	G9	9/16" Grid Ceiling	
	GS	Slot Grid Ceiling	
	ST	Drywall/Structure	
Finish	WH	Standard White	
	SM	Silver Metallic	
	BK	Black Texture	
	CC	Custom Color Finish	
Length	02	2' Individual Fixture	
	04	4' Individual Fixture	
	06	6' Individual Fixture	
	08	8' Individual Fixture	
	xx	Continuous Row (2' increments)	
Options	(Blank)	Standard 1 Fixture per Driver Box	
	D2	2 Fixtures per Driver Box*	
	D3	3 Fixtures per Driver Box*	
	D4	4 Fixtures per Driver Box*	
		*Multiple Fixtures Controlled by One Driver – See Chart	
	EB	Emergency Remote Battery	

Due to ongoing product improvements, specifications are subject to change without notice. Consult website for latest information. www.mojoillum.com

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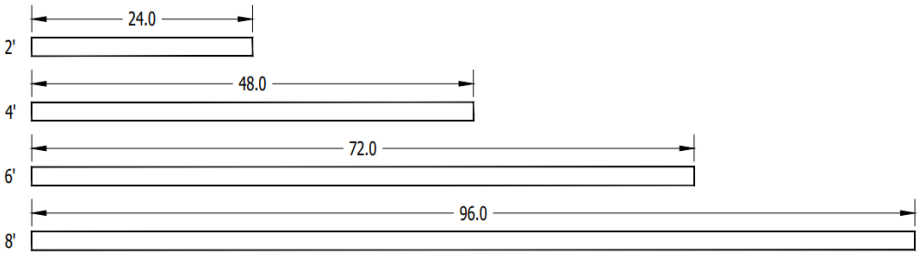
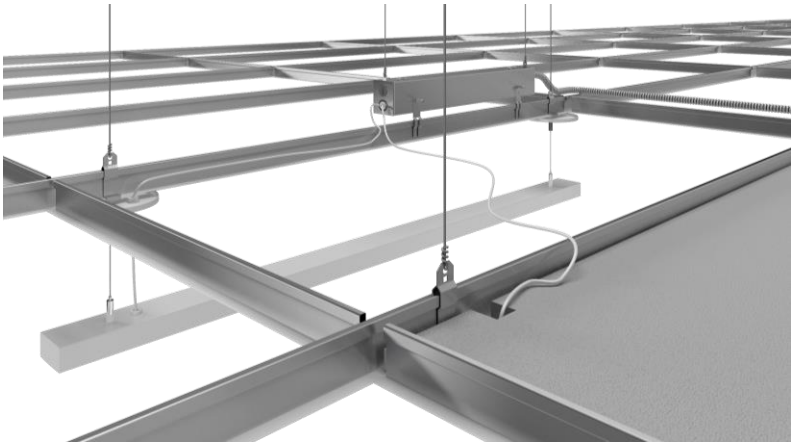
Fixture Lengths

Individual Fixtures



Mounting

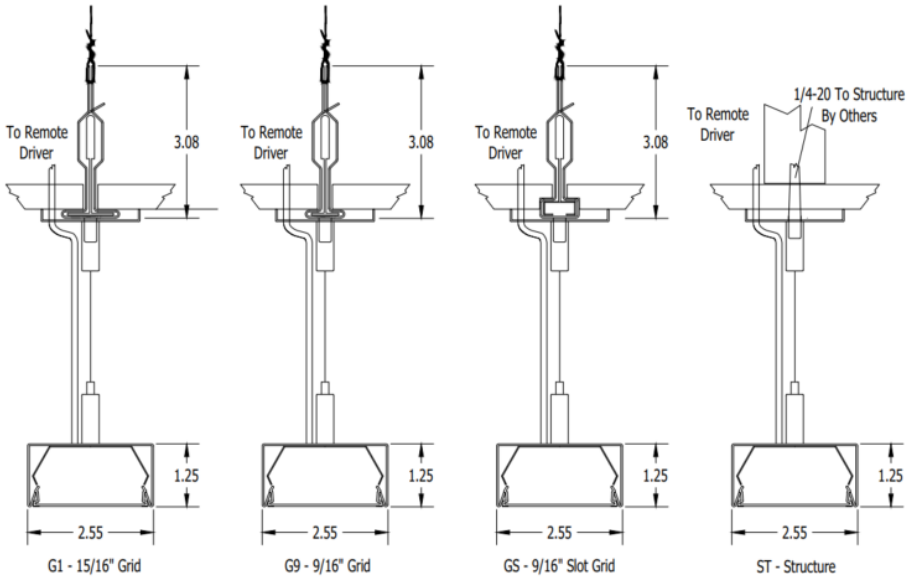
Fixtures Require Remote Driver Box. Sizes A - 18 x 2 x 2.5, B - 42 x 2 x 2.5
All Fixtures shipped Standard with one Driver Box per Fixture
Optional Multiple Fixture per Driver Box Sizes shown below



Driver Box Size		Fixture Length			
Driver Option	lm/ft	2'	4'	6'	8'
D2	375	A12	A24	A36	A48
	500	A16	A32	A48	A64
	750	A24	A48	A73	B98
	1000	A32	A64	B96	B128
D3	375	A18	A36	A54	B72
	500	A24	A48	B72	B92
	750	A36	A73	B109	
	1000	A48	B96		
D4	375	A24	A48	B72	B98
	500	A32	A64	B96	B128
	750	A48	B98		
	1000	A64	B128		

Driver Box Size/Wattage shown for multiple fixtures per Driver Box Option. Programing for each driver box is unique to the specific SKU's ordered and are not interchangeable.

Ceiling Mounting – G1, G9, GS, ST



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